Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 31 Dec 2021 until 23:59 on Saturday 01 Jan 2022

Forecast Issued on Friday 31 Dec 2021 at 02:15

Confidence: High for very mild, unsettled and often windy weather through the coming days and then turning much colder early next week but lower with regard to timing of rain and cloud details.

Headline for Friday 31 Dec 2021: Mostly cloudy with morning rain dying out. Southwesterly gales easing

Mountain weather hazards on Friday 31 Dec 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales High Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
	FOG	FOG	FOG	FOG	FOG
Heavy Rain	Fog	Fog	Fog	Fog	Fog
Precipitation probability					
90%	30%	20%	20%	20%	20%

Forecast for Friday 31 Dec 2021

Weather: Heavy overnight rain turning lighter and patchier through the morning and early afternoon. Some brighter or clearer spells developing, especially across eastern hills, for the late afternoon and early evening before cloud, and the risk of rain and drizzle, increases again.

Chance of cloud free mountain/hill tops above 600m: Little chance through much of the day, becoming around 40% for a time, especially in the east, through the late afternoon and early evening

Visibility: Periods or persistent cloud above 450-600m, lowering to 300m at times in the west, the cloud becoming more occasional for a time, especially in east, through the late afternoon and early evening. Away from cloud visibility rather hazy falling to just a few kilometres in rain and drizzle, becoming good for a time in the late afternoon and early evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2021. All Rights Reserved.

Mountain Weather Forecast

Forecast for Friday 31 Dec 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	30/40 SW	33/47 SW	28/41 SW	29/41 W	22/32 SW	17/25 SW	17/24 S
300	18/37 SW	22/44 SW	19/40 SW	17/35 W	15/30 SW	11/22 SW	9/20 S
Valley	15/33 SW	18/38 SW	17/37 SW	12/28 SW	9/22 SW	8/19 SW	8/20 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/4	8/3	8/3	8/3	8/3	8/4	8/4
300	10/7	10/6	10/6	9/6	9/6	10/7	10/7
Valley	11/8	11/7	11/7	10/8	10/8	10/9	11/10
Freezing Level*	2100m	2000m	1900m	1800m	1800m	2100m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 60mph likely over ridges and summits until late morning. Generally very mild, but a significant chill at higher elevations in the strong winds.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 31 Dec 2021	23.8mm	33.4mm	34.8mm

Forecast for Saturday 01 Jan 2022

Weather: Cloud and outbreaks of rain clearing through the early hours with long clear spells developing. Then a bright start with some good spells of sunshine but cloud increasing through the morning bringing some showery outbreaks of rain from midday.

Maximum wind: Southerly or southwesterly 25-30mph, gusts around 50mph over ridges and summits, through daylight hours, but winds a little lighter at first and again in evening.

Chance of cloud free mountain/hill tops above 600m: Around 75% at first, and again later in the east, falling close to zero through the morning.

Visibility: Occasional cloud above 600-750m at first, and again later in the east, otherwise periods or persistent above 450-600m, with patches lower in the west. Away from cloud visibility good falling to just a several kilometres in rain.

Temperature: **Valleys:** Around plus 7 or 8 Celsius at dawn rising to plus 13 or 14 Celsius by day
At 600m: Around plus 8 Celsius
Freezing level: Well above the summits

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2021. All Rights Reserved.